

Modules vs Libraries vs Packages

Let's talk about some terminologies.

Module

A module is a .py script that has code (usually reusable code such as functions, global variables, objects classes¹ etc) that can be called from another file.

E.g. You can call a .py script from another .py script or ipynb notebook.

Package

Package is a collection of modules.

The stuff that you install using conda or pip so far are packages.

E.g.

```
conda install -c anaconda quandl  
pip install yahoo-fin
```

In these cases, "quandl" and "yahoo-fin" are packages written by others.

Library

In the context of Python, a library does not have a specific meaning.

A library is used loosely to describe a collection of the modules or packages.

¹ More on objects in a later lecture.